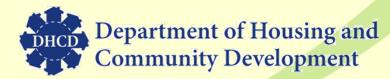
# Economic and Community Development with Broadband Telecommunications



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## Virginia's Community Telecommunications Planning Initiative

### **Objectives**

- Primary
  - Sustainable and Competitive Communities
- Secondary
  - Facilitate Universal High Speed Access

### **Sustainable Community**

### All Components Present

- Healthcare
- Education
- Community Serving Businesses
- Quality Jobs

### **Competitive Community**

### **Excellent Quality of Life**

- Attractive
- Sense of Place
- Hospitable / Progressive
- Cultural Amenities
- Entertainment

### **Competitive Community**

#### Connected

- Level Playing Field with Urban Areas
- Highest Speed of Connectivity
- Affordable/Competitive Rates
- Multiple Providers/All Services

### 21<sup>st</sup> Century Economic Development Reality

- > 80% Entrepreneurial
- < 20% Industrial

### **Expectations at the End of the Entire Process**

- Consideration of installing a community-owned open access network
  - Available to all service providers
  - Allows maximum competition (multiple providers for multiple services)
  - Based on service delivery instead of duplicative infrastructure
- Plan required for implementation funding

### Requirements for Success

- Technology neutral approach
- Community will consider economic benefits of installing fiber
  - Effect on competitive recruitment of businesses
  - Ability to utilize future applications

The first step is the last mile

### **Plans Underway**

- Previously Completed
  - Blackstone
  - Halifax
  - Chase City
  - South Boston
  - South Hill
  - Eastern Shore
    - Accomack County Onley, Onancock, Accomac
    - Exmore / Nassawaddox
    - Wallops / Chincoteague

### **Plans Underway**

- In Progress
  - Page County
  - Prince George County
  - Grayson County
  - Charlotte County
  - Nelson County
  - Pennington Gap
  - Surry County
  - Carroll / Grayson / Galax
  - Danville

- Greensville / Emporia
- Alleghany / Covington
- Rockbridge/
   Buena
- Vista / Lexington
- Madison
- Pound
- Smyth County
- Northern Neck / Middle Peninsula
- Tazewell (Town)
- Rappahannock

### Community Telecommunications Plan

- Two Phases
- Community Telecom Consultant
- Conducted by Management Team

### Management Team

- Public schools
- Higher education institutions
- Workforce development
- Health care
- Small business/entrepreneur
- Local telephone and internet service providers
- Professional (legal, engineering, accounting)

- Police department and emergency services
- Service sector (banking, insurance)
- Local government
- Economic development professional
- Industry/manufacturing
- Retail/commercial business
- Telecommunications expert

### Phase 1 Plan Components

- Asset Inventory/Needs Assessment
- Identifying and Aggregating Demand
- Community Education and Training

### **Commitment Point**

### **Phase 2 Plan Components**

- Infrastructure
- Network Organization and Operation
- Funding Strategies
- Marketing the Network